

Metrics for Discussion of Neutrino Experiments (I)

- **Science goals**

- 1) discovery potential
- 2) physics topics and parameter sensitivity
- 3) is science unique?
- 4) are there other competing experiments?
- 5) complementarity with other experiments?

- **R&D requirements**

- a) ready for proposal or construction
- b) limited R&D sufficient (1-2 years)
- c) long-term R&D required (> 2 years)
- d) synergies with other experiments?

- **Cost categories** (indicate separately categories for US contribution and total project cost, no precise estimates needed)

- (I) $< \$5\text{M}$ (\$)
- (II) $< \$50\text{M}$ (\$)
- (III) $\$50\text{-}300\text{M}$ (\$\$)
- (IV) $> \$300\text{M}$ (\$\$\$)
- (V) $> \$1\text{B}$ (\$\$\$\$)

Metrics for Discussion of Neutrino Experiments (II)

- Synergies
 - 1) with other experiments?
 - 2) with other fields and frontiers?
- US collaborations and leadership
 - a) US leadership?
 - b) US based experiment/facility?
 - c) opportunity for international engagement?
 - d) continued international collaboration?
- Timeline and projected schedule
 - a) R&D timeline
 - b) construction time
 - c) data taking and science program duration